



BAY5399

PPP Installation Guide (Windows NT)

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1 Introduction

Due to the rapid expansion of the Kentucky State Government Network, Kentucky State Government computer users are able to connect to the Mainframe from many remote locations. DIS now offers this service to State Government Agencies and employees. PPP software (Point-to-Point Protocol) is used for connecting to Kentucky State government Network using a dial-up line and a modem. This document will guide you through installation and connection.

2 What You Need

There are some basic requirements that need to be met before you can consider installing the PPP software and then connect to the Internet. The minimal requirements are as follows.

- A PPP account
- 80486 or higher CPU
- 10MB free disk space
- Windows NT 4.0 (with Service pack 3)
- 16 MB memory
- 14.4 modem or higher

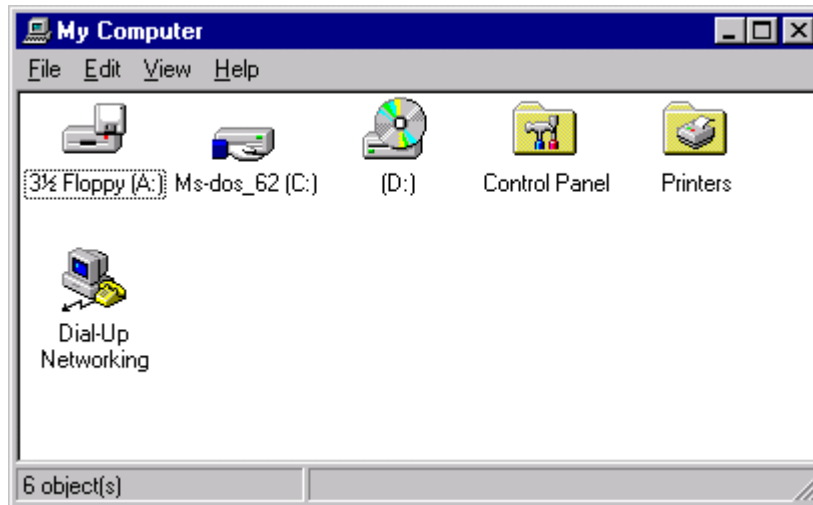
3 Getting the Software and Account

The PPP software is provided on the Windows NT distribution CD. Call your local LAN administrator with questions or problems. If the LAN administrator has problems they can call the DIS Help Desk at (502) 564-7576.

4 Installing the PPP Software

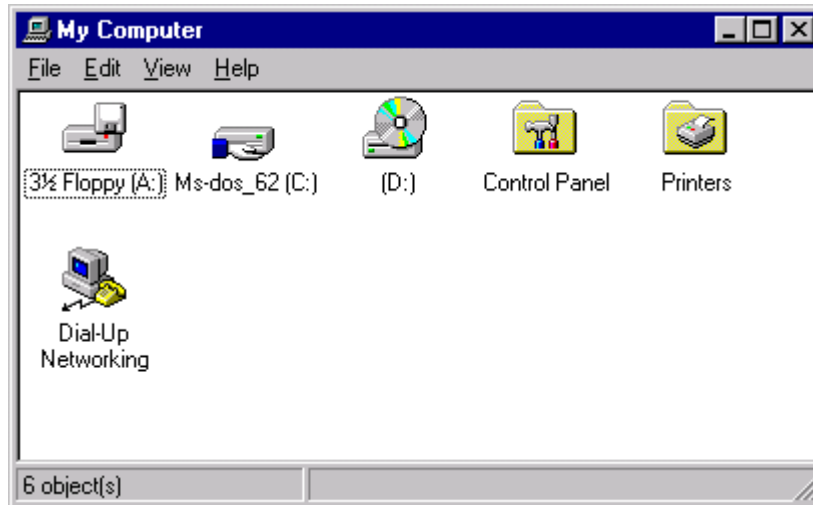
This section will guide you through the installation of all PPP software.

- **4.1 Install Dial-Up Networking**
 - Double click on "My Computer"
 - Double click on "Dial-Up Networking"

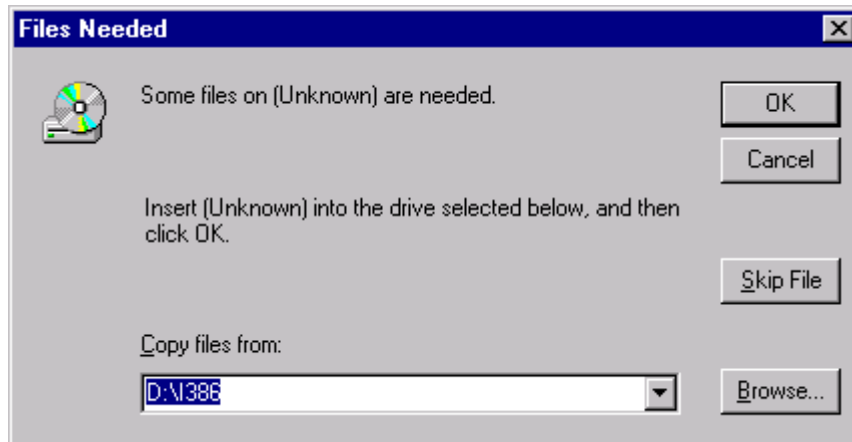


If the product is already loaded, a box will display stating "The phonebook is empty". Click OK and skip to [section 4.3](#).

- Select "Install"

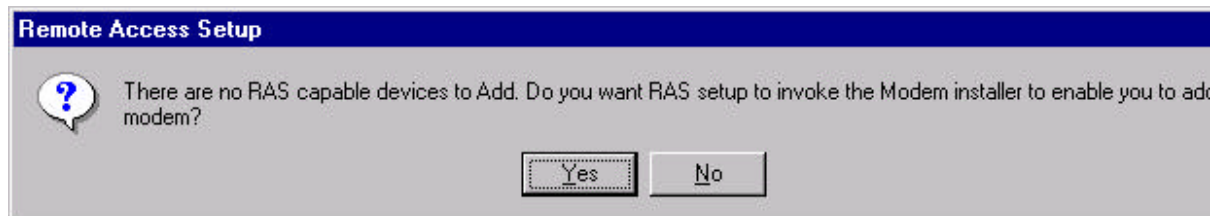


If you are asked to load the Windows NT 4.0 CD, do so at this time.

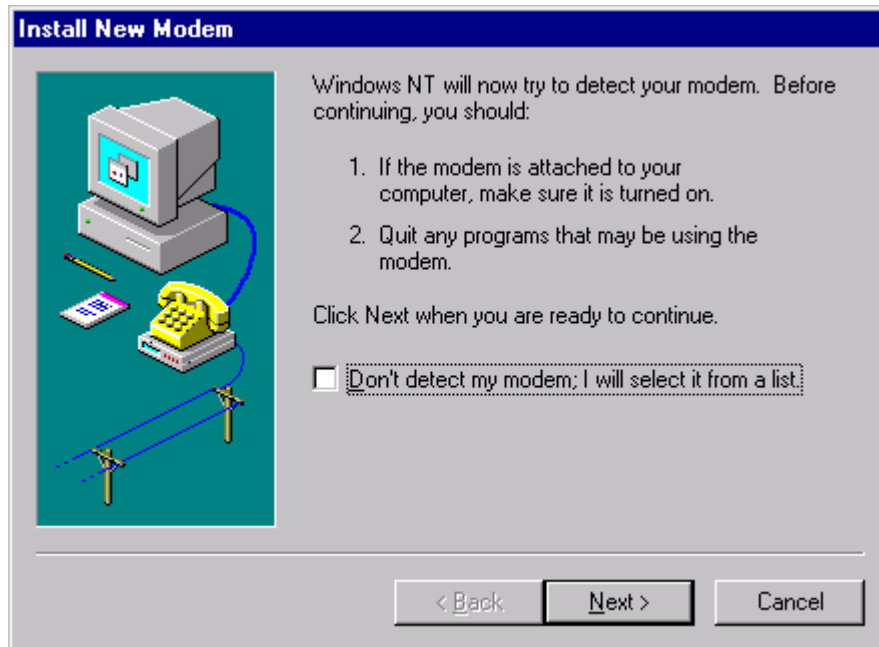


- Click OK

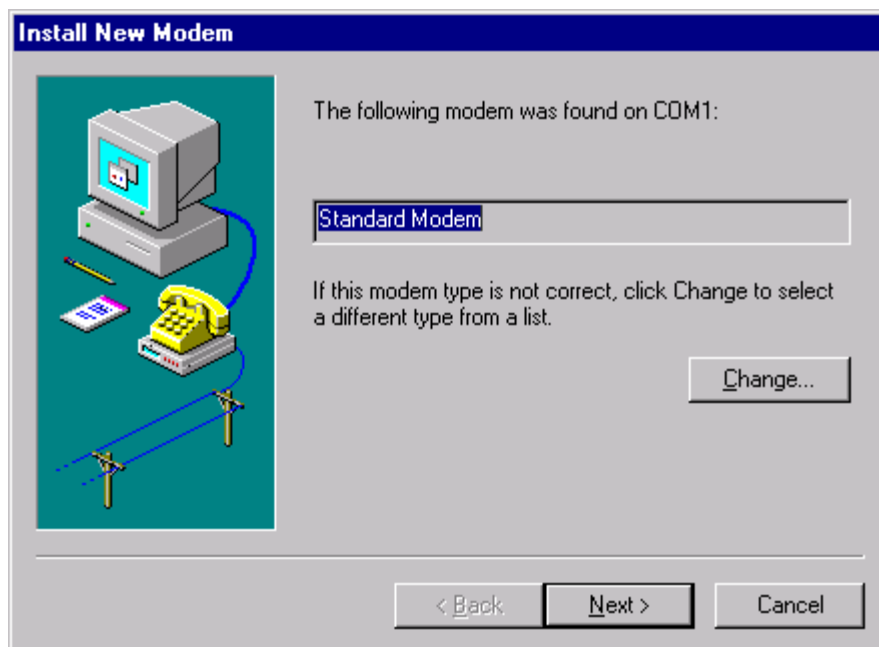
If a message pops up complaining that no RAS device was found, select "Yes"



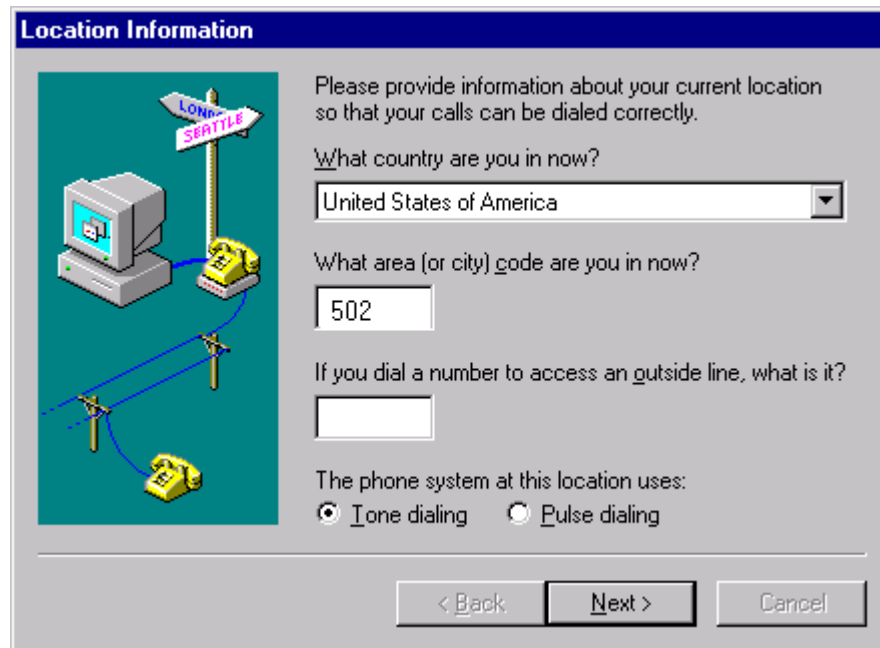
- If you selected "Yes" and are installing a new modem, select "Next" Otherwise, skip to [section 4.3](#).



- Select "Next" to select the new modem



Enter your area code and access number (if used)



The "Location Information" dialog box is shown. It has a blue title bar and a light gray background. On the left, there is a graphic of a computer monitor, a telephone, and a road sign pointing to "LONG BEACH" and "SEATTLE". The text on the right says: "Please provide information about your current location so that your calls can be dialed correctly." Below this, there are three input fields: "What country are you in now?" with a dropdown menu showing "United States of America", "What area (or city) code are you in now?" with a text box containing "502", and "If you dial a number to access an outside line, what is it?" with an empty text box. At the bottom, there are two radio buttons: "One dialing" (selected) and "Pulse dialing". At the very bottom, there are three buttons: "< Back", "Next >", and "Cancel".

Please provide information about your current location so that your calls can be dialed correctly.

What country are you in now?
United States of America

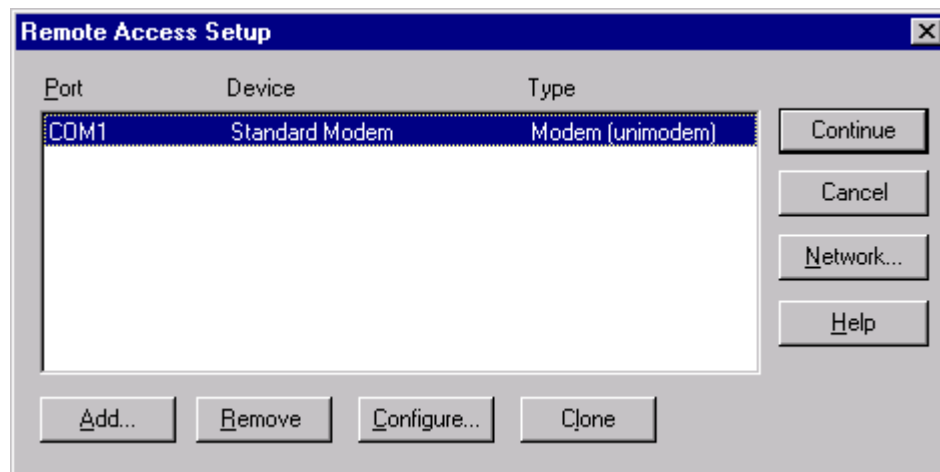
What area (or city) code are you in now?
502

If you dial a number to access an outside line, what is it?

The phone system at this location uses:
☒ One dialing ☐ Pulse dialing

< Back Next > Cancel

- Select "Next" and then click "OK"
- 4.2 Remote Access Setup
 - Click "Continue"



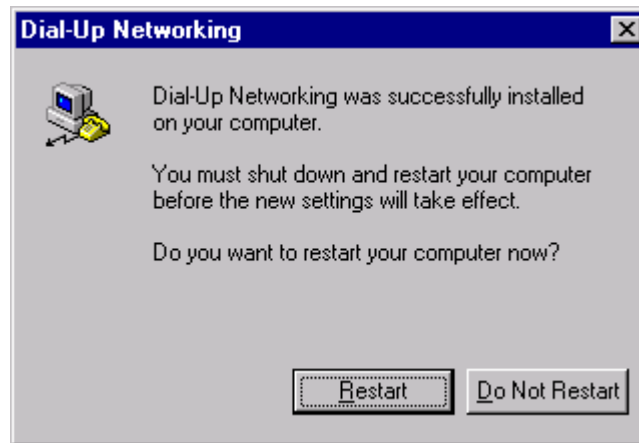
The "Remote Access Setup" dialog box is shown. It has a blue title bar and a light gray background. It contains a table with three columns: "Port", "Device", and "Type". The first row is highlighted with a blue background and contains the text "COM1", "Standard Modem", and "Modem (unimodem)". To the right of the table are four buttons: "Continue", "Cancel", "Network...", and "Help". At the bottom of the dialog box are four buttons: "Add...", "Remove", "Configure...", and "Clone".

Port	Device	Type
COM1	Standard Modem	Modem (unimodem)

Continue Cancel Network... Help

Add... Remove Configure... Clone

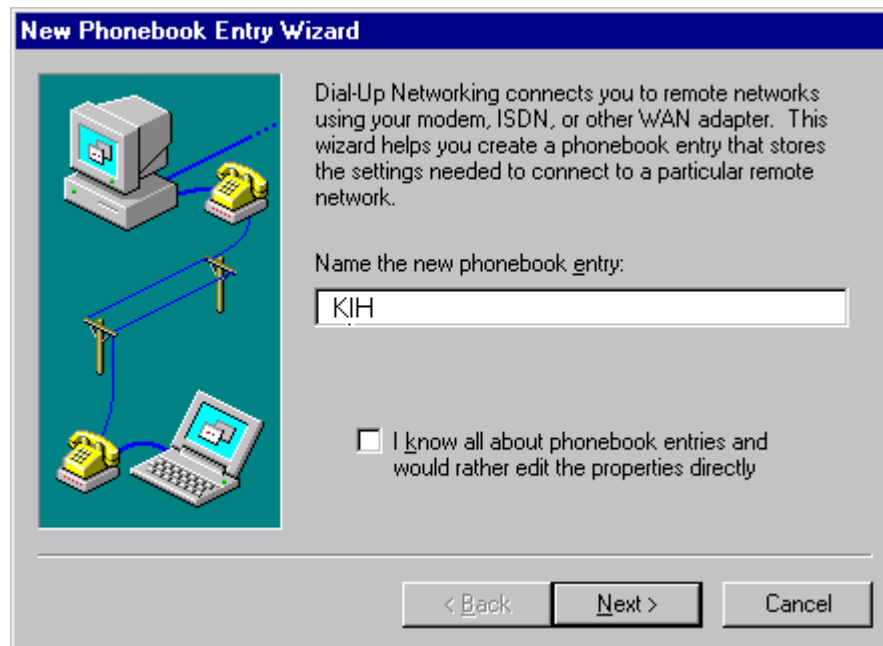
- Select "Restart"



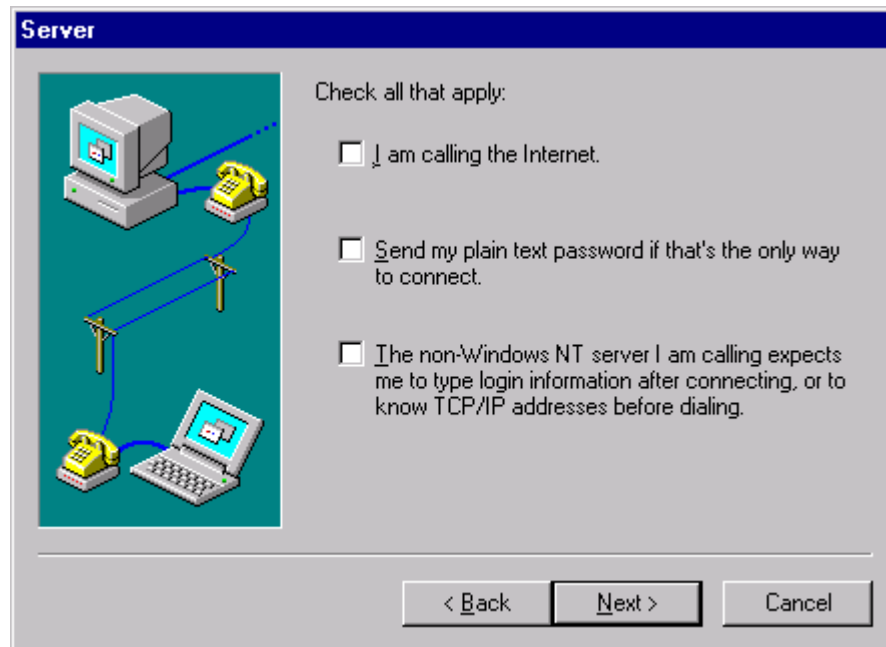
- **4.3 Create PPP Connection**

After your system reboots, you will need to configure a connection to the KIH PPP server.

- Double click on "Dial-Up Networking"
- Click OK (to add a phone book entry)
- Enter "KIH" under "Name of the new phonebook entry:"



- Select "Next"
- Check the box "Send my plain test password if that's the only way to connect"



- Select "Next"
- Check the box next to "Use Telephony dialing properties"
- Enter 502 for the "Area code:"
- Enter the following for "Phone number"
 - 875-9495
- Select "Next" and then "Finish"

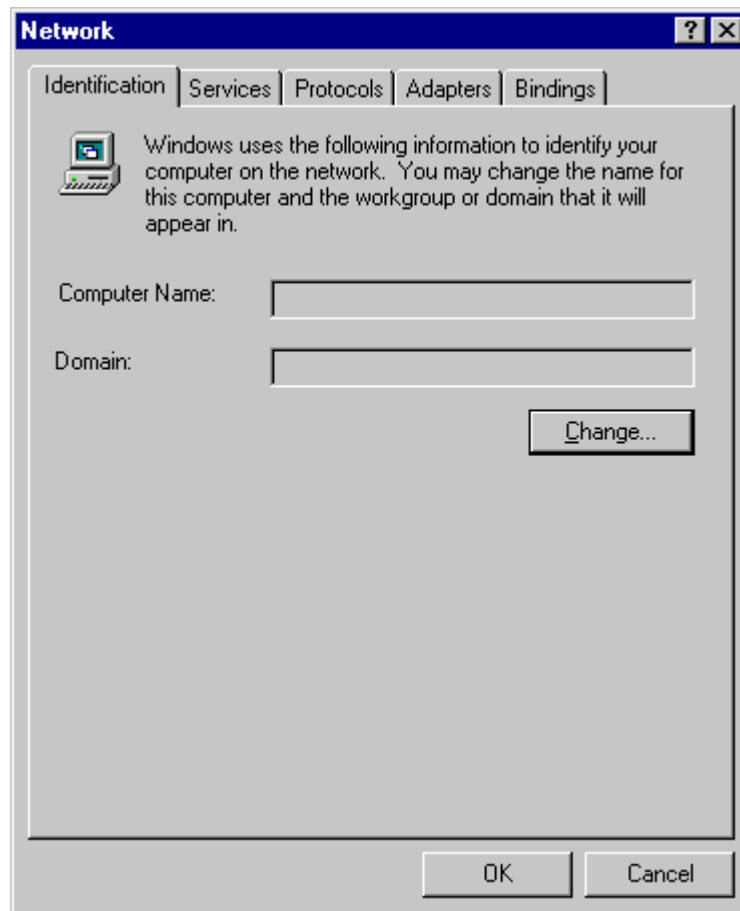
- **4.4** Configure for your Domain

Go to "My Computer" and click on "Network" Icon

- The "Identification tab" should be selected if it is not please do so.
- In the "Computer Name" box enter the name to give your computer.
- In the "Domain" box enter your NT Domain name.

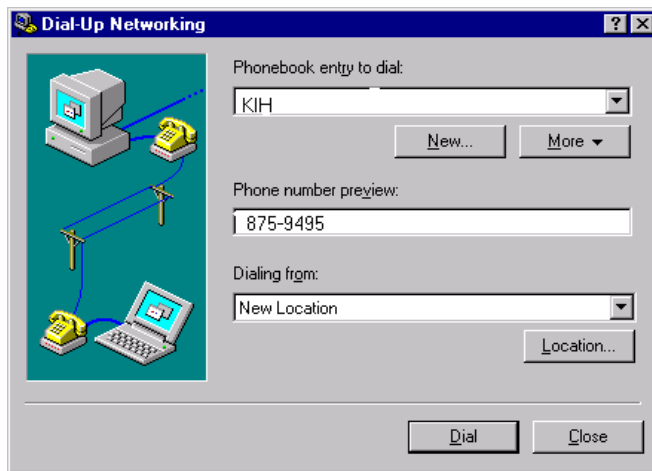
If you have trouble with this contact your Systems Administrator.

- Click OK and reboot if asked.



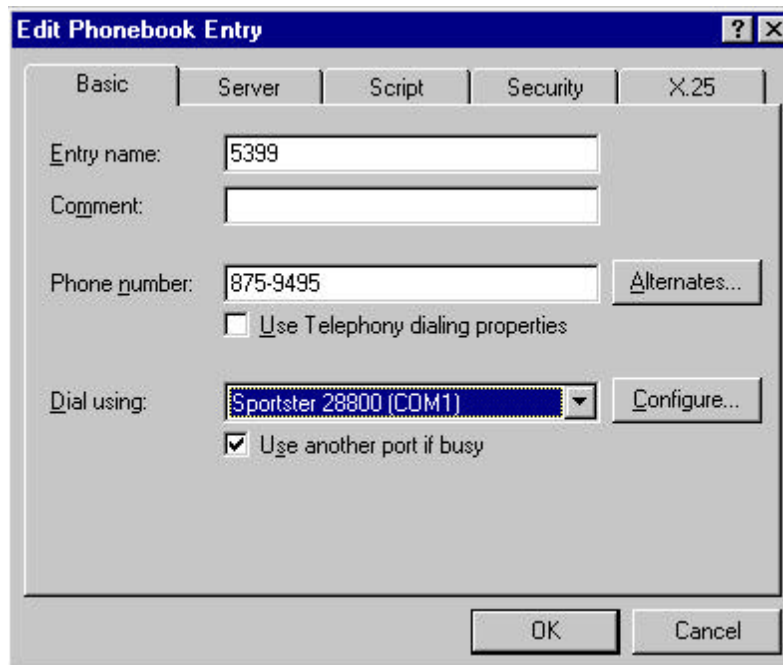
4.5 Configure KIH for WINS and DNS

Double click on "Dial-Up Networking" (My Computer/Dial-Up Networking).

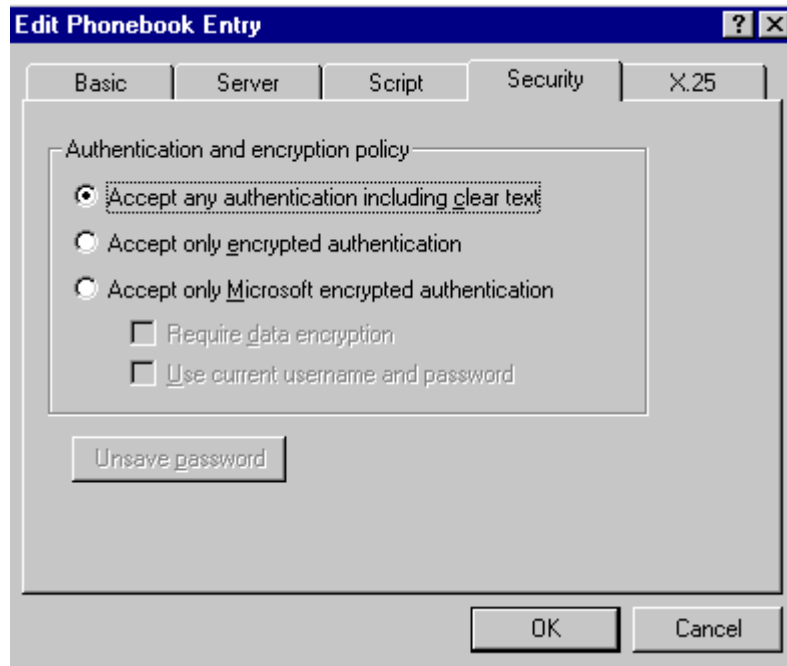


- Select "More".

From the list choose "Edit entry and Modem properties".

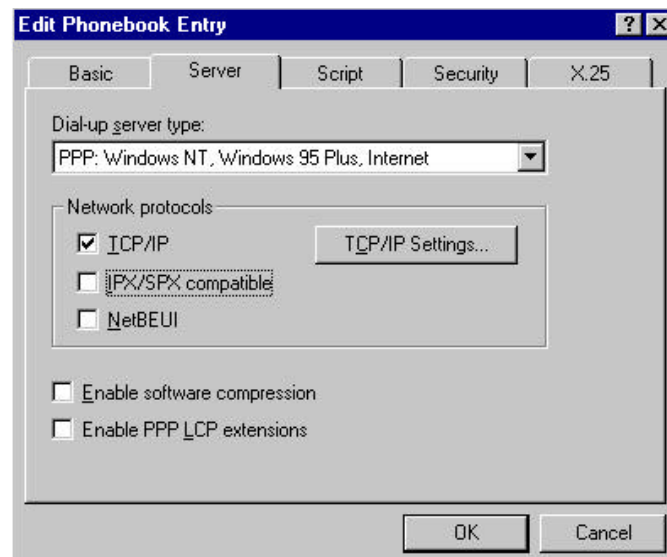


Select from the tabs at the top the "Security" tab.



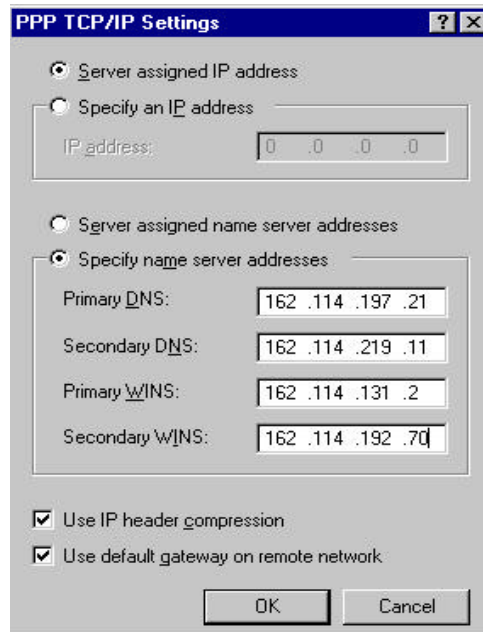
Select "Accept any authentication including clear text"

Select from the tabs at the top the "Server" tab.



Check "TCP/IP" and uncheck everything else

Click on "TCP/IP Settings"

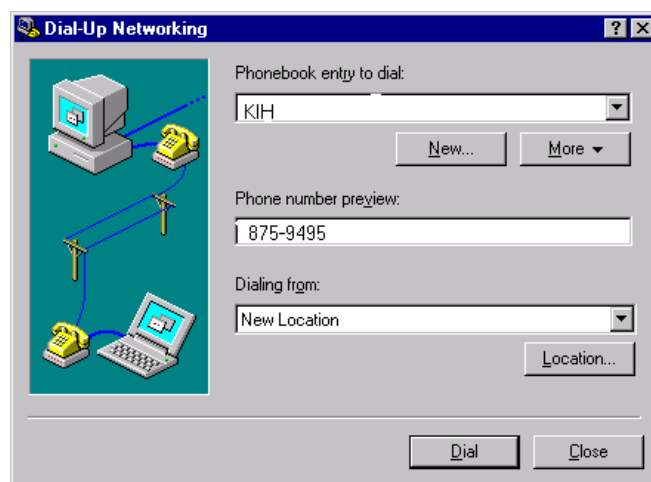


- Select "Specify name server addresses"
- Enter in blank white boxes the IP numbers shown.
- Click OK on each screen until you are out of Dial-Up Networking.

• 4.6 Connect to KIH

If you just completed section 4.3, go to the next bullet. Otherwise, double click on "Dial-Up Networking" (My Computer/Dial-Up Networking).

- Select "Dial"



- Enter your PPP username/password and check "Save password" if desired.



Connect to KIH

Enter a user name and password with access to the remote network domain.

User name: jldoe

Password: xxxxxxx

Domain:

☒ Save password

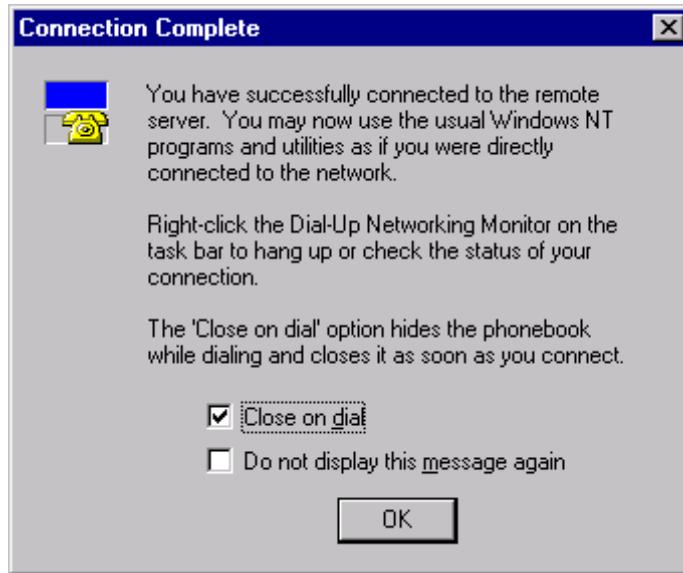
OK Cancel

Note: Your PPP username/password are not the same as your Institutional/Instructional username/password.

- Click OK to connect

You will now be connected to the KIH network via PPP. You should see a pop up window stating "Connection Complete". If you do not, verify you have done all steps properly and then try again. If after this you still don't get connected, contact the Help Desk at (502) 564-7576.

Click OK



- To reconnect, double click on "Dial-Up Networking" (refer to [section 4.5](#))
- **4.7 Disconnecting from KIH**
 - Select "Hang up" from the "Dial-Up Networking" window to terminate the connection.

5 (Optional) Changing Basic Settings

- **5.1 Changing the KIH PPP Phone Number and/or Modem**
 - Open "My Computer"
 - Open "Dial Up Networking"
 - Select "KIH"
 - From the "More" menu, select "Edit entry and modem properties"
 - Change the "Area code", "Telephone number" and "Dial using:" (modem) values as needed
 - Click OK when done

- **5.2 Changing the Username and/or Password**

- Open "My Computer"
- Open "Dial Up Networking"
- Select "KIH"
- From the "More" menu, select "Edit entry and modem properties"
- Click on the "Security" tab
- Select "Unsave password" (if it is darkened) and then click OK
- Select "Dial"
- Change the username and password as needed
- Check "Save password"
- Select "Dial"

Note: you must at least begin a connection for the change to be permanent

- **5.3 Changing the Location Name**

- Open "My Computer"
- Open "Dial Up Networking"
- Select "KIH"
- Select "Location"
- Select "Location list".
- Enter a new name (such as "Home" and then select "Replace".
- Click OK twice.